AMENDMENTS

In the Claims

1.   (Currently Amended) A computer implemented method of identifying potential risk, the risk due to potential disruptions in material supply to a manufacturing facility, the method comprising:

      identifying a component for an assembled product, the component being purchased from a supplier, wherein identifying the component includes identifying the supplier and a manufacturer's part number of the component;

      storing an identity of the component; and,

      identifying potential risk due to potential disruptions in <u>continuity of</u> material supply of the component.

2.   (Currently Amended) A computer implemented method of identifying potential risk, the risk due to potential disruptions in material supply to a manufacturing facility, the method comprising:

      determining a set of components for an assembled product;

      storing the set of components;

      determining a set of sub-components for the set of components; storing the set of sub-components;

      combining the set of components and the set of sub-components; and,

      identifying potential risk due to potential disruptions in <u>continuity of</u> material supply of a component from the set components and the set of sub-components.

3.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

      storing a country of origin of the set of components.

4.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

storing an indicia of the geopolitical risk associated with the country of origin of the set of components.

5.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

storing an identity of a supplier of the set of components.

6.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

storing an identity of an assembler of the set of components.

7.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

determining a product assembled by a manufacturer, the product including the set of components.

8.   (Currently Amended) The computer implemented method as recited in claim 2, ~~further comprising~~ wherein the identifying potential risk further comprises:

identifying an end-of-life date of the set of components.

9.   (Currently Amended) The computer implemented method as recited in claim 8, ~~further comprising~~ wherein the identifying potential risk further comprises:

determining whether components are at-risk due to a capital cycle risk, the capital cycle risk being determined by predictability of demand versus supply and capital flexibility.

10.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

storing the identity of a fabricator of the set of components, wherein the identity of the fabricator includes the name of the foundry.

11.   (Currently Amended) The computer implemented method as recited in claim 2,

~~further comprising~~ <u>wherein the identifying potential risk further comprises</u>:

        evaluating geopolitical risk based upon geographic concentration and a risk associated

                with a geographic location.

12.   (Currently Amended) The computer implemented method as recited in claim 2, ~~further comprising~~ <u>wherein the identifying potential risk further comprises</u>:

        evaluating whether components from the set of components are implicated based upon an

                identified innovation risk.

13.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

        evaluating whether components from the set of components are implicated based upon an

                identified risk due to a supplier concentration.

14.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

        identifying components within a fixed period of an end-of-life date.

15.   (Previously Presented) The computer implemented method as recited in claim 2, further comprising:

        receiving a production plan and generating a material requirement plan for a component.

16.   (Previously Presented) The computer implemented method as recited in claim 15, further comprising:

        if quantities of the component are not available to support the material requirement plan

                for the component, identifying that shortages of the component are possible.

17. - 46 (Cancelled).